

PHMC Contract Overview

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DOE Secretary Dr. Steven Chu, Dr. Ines Triay, Senators Patty Murray and Maria Cantwell tour the HAMMER Facility on August 10, 2009

Project L-399, "T Plant Potable and Raw Water Line Replacement," construction in progress



New outside storage unit in 200 Area nearing completion

Overview

This section of the report is intended to provide an executive-level performance overview. Unless otherwise noted, all information is as of July 2009.

Included in this section are descriptions of significant accomplishments considered to have made the greatest contribution toward safe, timely, and cost-effective progress against the contract with RL; project cost summary analysis; and overviews of safety and critical issues that identify the high-level challenges to achieving cleanup progress.

Notable Accomplishments

Safeguards and Security (PBS RL-0020)

- Won the Washington State Police Pistol Combat Championships.
- Completed Project S-212, *Interim Storage Area (ISA) support Facilities*.
- Completed Project S-214, *Slightly Irradiated Fuel (SIF) Intrusion Detection Systems*.
- Completed Project S-211, *ISA Access Controls*.
- Completed Project S-213, *Buffer Zone Surveillance and Control Systems*.
- Completed Project S-219, *Outside Storage Unit*.
- Received RL approval on the Limited Security Analysis (LSA) for the relocation of material from the 200 West to the 200 East Area.
- Received RL approval on the Security Requirements Analysis (SRA) for the ISA concept.
- Completed paving in support of ISA security systems.

Nuclear Facility Decontamination and Decommissioning (D&D), Remainder of Hanford (PBS RL-0040)

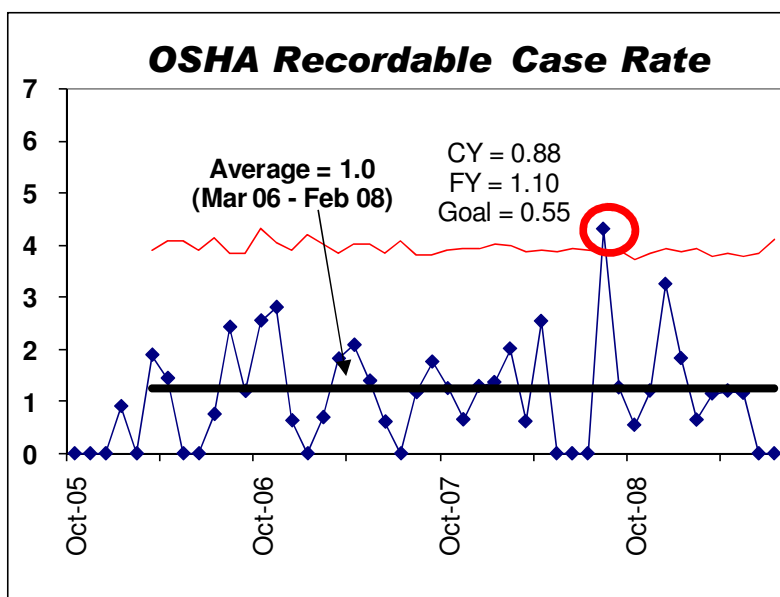
- **Closure Services and Infrastructure**
 - Received three ambulances two months ahead of schedule.
 - Received two cranes.
 - Completed bid preparation for ET51, *HLAN Network Upgrade, Phase II*.
 - Completed definitive design and bid package preparation for L-668, *CIP Physical Security Improvements to Electrical Utilities Substation*.
 - Completed Strategic Plans for Sewer, Electrical Distribution, and Roads.
- **HAMMER**
 - HAMMER continued to provide safety and health training that directly support Hanford Contractor activities associated with the 2009 Recovery Act. Recovery Act new hire training has slowed due to reduced hiring by Hanford Contractors but remains over 200% above the same period last year.

Safety Overview

The focus of this section is to document trends in occurrences. FH continues to focus on improving safety through the efforts of the PHMC workforce as they implement the Integrated Environmental Safety and Health Management System, work towards achieving and maintaining Voluntary Protection Program "Star" status, and accomplish work through enhanced work planning. Safety and health statistical data is presented below. The safety charts are reported according to Occupational Safety and Health Administration (OSHA) standards.

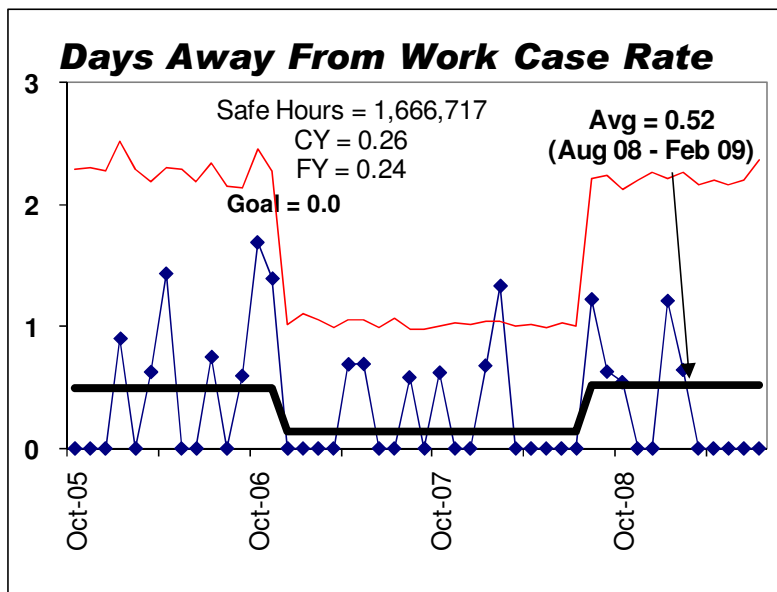
NOTE: Fiscal Year 2009 started October 1, 2008. These charts reflect the work scope of the PHMC with the Plateau Remediation Contract scope removed. Both the current and the historic data have been revised to reflect the PHMC scope.

Total OSHA Recordable Case Rate:



The OSHA recordable rate has been below the baseline for six months in a row. The last time this performance occurred was in 2006.

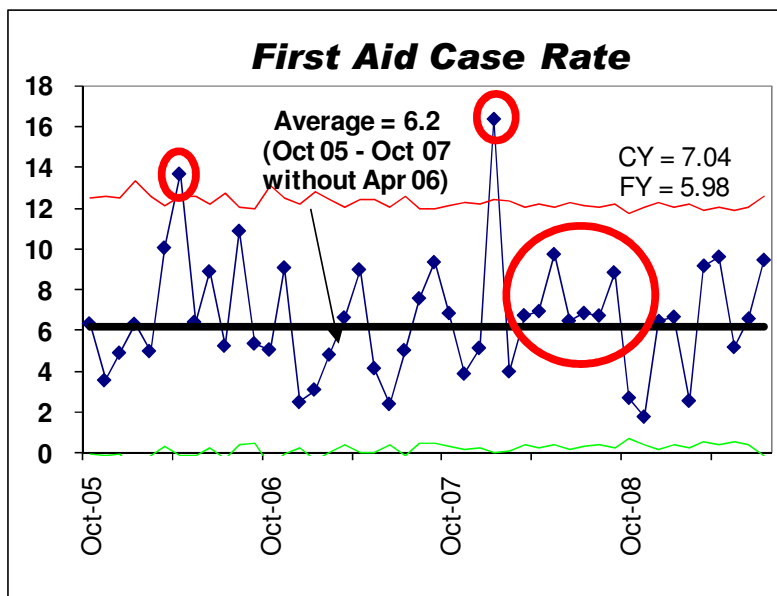
OSHA Days Away From Work (DAFW) Case Rate:



The DAFW case rate has been zero for five months in a row. The baseline rate will not be adjusted until seven months without a DAFW injury is achieved.

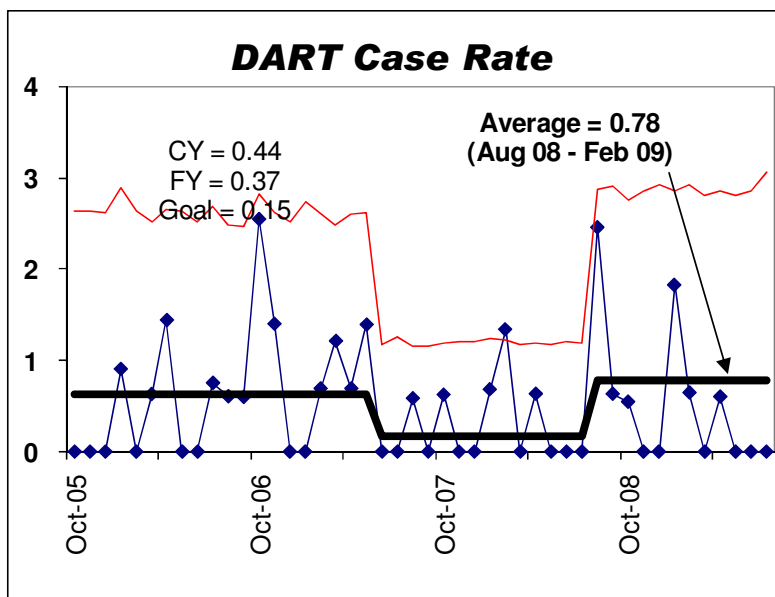
Safety Overview, continued

First Aid Case Rate:



The first aid rate remains stable around the baseline.

Days Away Restricted/Transferred (DART) Case Rate:



DART case rate is showing a statistically significant improving trend, with 10 out of the last 11 months below the baseline.

Schedule/Cost Performance (\$M)

Both Current Month and Fiscal Year to Date performance is presented below. Variances addressed are at the Fiscal Year to Date level.

Current Period (July)	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance	Cost Variance	Budget At Completion (FY 2009)
RL-0020 Safeguards & Security	\$6.5	\$6.4	\$5.8	-\$0.1	\$0.6	\$69.1
RL-0040 Nuclear Facility D&D, Remainder of Hanford	\$2.8	\$4.2	\$3.7	\$1.3	\$0.4	\$24.8
RL-0041 Nuclear Facility D&D, River Corridor Project	-\$0.1	-\$0.1	\$0.0	\$0.0	-\$0.1	\$0.4
RL-0044 B Reactor	\$0.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.2
RL-0100 Richland Comm & Reg. Supt. - B Reactor	\$0.0	\$0.0	\$0.2	\$0.0	-\$0.1	\$0.9
General Site Services	\$13.3	\$13.3	\$12.5	\$0.0	\$0.8	\$167.0
Subtotal Sub-project Work scope	\$22.6	\$23.8	\$22.2	\$1.2	\$1.6	\$262.4
Total Work For Others	\$11.8	\$11.8	\$11.3	\$0.0	\$0.5	\$102.8
Total FH Contract Work scope	\$34.4	\$35.6	\$33.5	\$1.2	\$2.1	\$365.2

Variance threshold is +/- \$1M or 10%

Fiscal Year 2009 To Date	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance	Cost Variance	Budget At Completion (FY 2009)
RL-0020 Safeguards & Security	\$55.2	\$54.5	\$53.1	-\$0.8	\$1.4	\$69.1
RL-0040 Nuclear Facility D&D, Remainder of Hanford	\$17.7	\$17.8	\$15.9	\$0.1	\$1.9	\$24.8
RL-0041 Nuclear Facility D&D, River Corridor Project	\$0.2	\$0.2	\$0.2	\$0.1	\$0.0	\$0.4
RL-0044 B Reactor	\$0.1	\$0.1	\$0.1	\$0.1	\$0.0	\$0.2
RL-0100 Richland Comm & Reg. Supt. - B Reactor	\$0.5	\$0.5	\$0.5	\$0.1	\$0.0	\$0.9
General Site Services	\$140.6	\$140.2	\$132.7	-\$0.3	\$7.5	\$167.0
Subtotal Sub-project Work scope	\$214.4	\$213.3	\$202.5	-\$1.1	\$10.8	\$262.4
Total Work For Others	\$76.8	\$76.8	\$71.9	\$0.0	\$4.9	\$102.8
Total FH Contract Work scope	\$291.3	\$290.1	\$274.5	-\$1.1	\$15.6	\$365.2

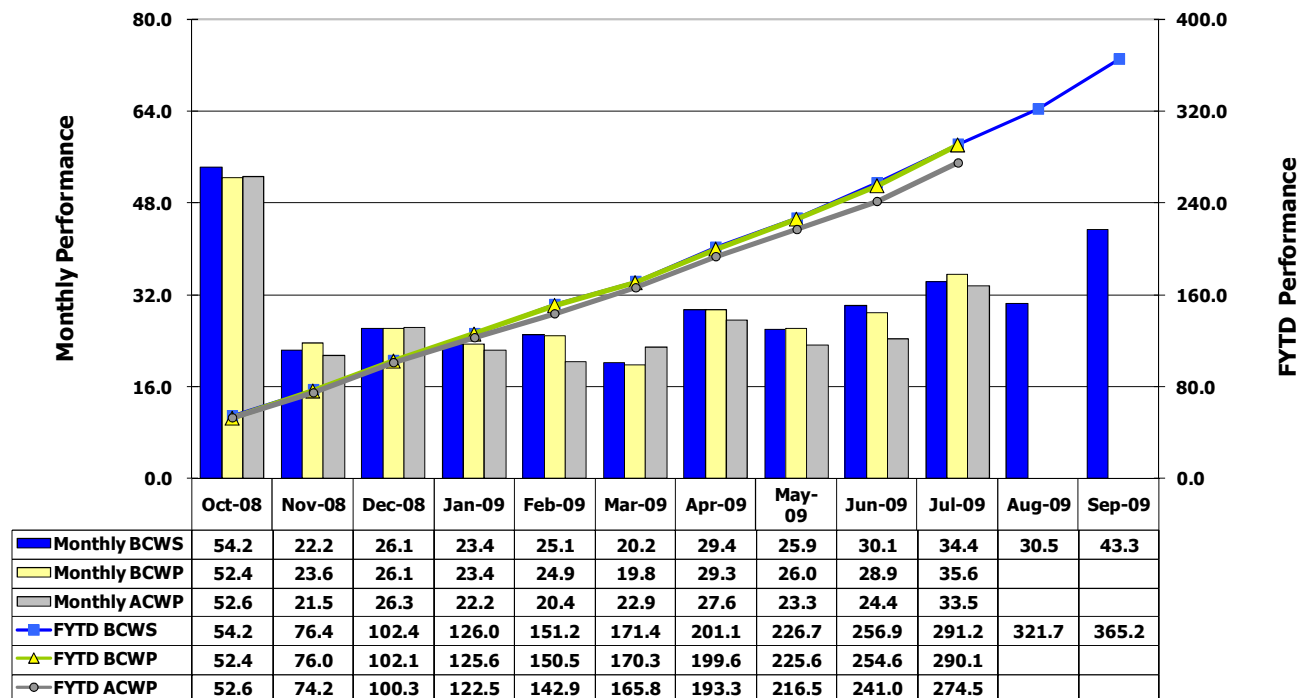
Variance threshold is +/- \$1M or 10%

FYTD Schedule Performance: Fiscal year to date contract schedule performance reflected a -\$1.1M/-0.4 percent unfavorable variance, which is within reporting thresholds.

FYTD Cost Performance: Fiscal year to date cost performance reflected a +\$15.6M/+5.4 percent variance. The most significant cost variance is discussed in Section D, *General Site Services*.

Schedule/Cost Performance, continued (\$M)

Performance Status
FYTD and Monthly (\$M)



Milestone Performance

Hanford Federal Facility Agreement and Consent Order (abbreviated and referred to as the "Tri-Party Agreement") milestones represent significant events in project execution. The FY 2009 Enforceable Agreement milestone information provided herein is based upon the current baseline including RL-approved changes.

The PHMC had only one Tri-Party Agreement milestone due in FY 2009: M-026-01S, *Annual Hanford Land Disposal Restrictions Summary Report*, due on April 30, 2009. It was completed ahead of schedule.

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	Total FY 2009
Enforceable Agreement	1	0	0	0	0	0	0	1

Government Furnished Services/Items Look Ahead

Listed below are the near-term RL action/commitments required to support FH's accelerated cleanup. Only data for the next 30 days (including any open GFS/I from prior periods) are shown. Items shaded in "green" indicate on-time or early completion. Items shaded in "pink" are overdue. NOTE: GFS/I data is through August 14, 2009, with a seven-day grace period.

Ref ID	GFS/GFI	Commitment Date	Completed Date	RL Letter No.	Needed Contract Deliverable FH Letter No. & Date Complete	Responsibility
GF0185	Approve Tour Execution Plan within 30 days after submittal	20-Apr-2009			CD0681 Draft Tour Execution Plan Due: March 20, 2009 FH-0900469A R3 Completed: March 19, 2009	Richland Operations Center
GF0176	DOE to review list of facilities no longer needing inspection and comment within 30 days	30-Apr-2009			CD0659 List of Facilities that no Longer meet the Useful Life Inspection Criteria Due: Annually by March 31 FH-0900763 Completed: March 31, 2009	Closure Services & Infrastructure
GF0204	RL will provide notification to Hanford Site Contractors of the PHMC role and expectations for support Due: May 15, 2009	15-May-2009			CD0690 PBI-1.1a: Draft Hanford Site Interface Management Plan Due: June 15, 2009 FH-0901273 Completed: June 15, 2009	Project Systems & Support
GF0184	Issue a letter to each of the other primary site contractors informing them of PHMC's provision of an artifact pick-up service for items Due: June 17, 2009	17-Jun-2009			CD0678 Open 4732A as a staging area Due: July 15, 2009 FH-0900878 Completed: April 24, 2009	Richland Operations Center
GF0179	DOE to review plan assessments and provide comments within 45 days of receipt	16-Jul-2009			CD0698 Area Management Plans and Resource Management Plans Assessed for Implementation of the Comprehensive Land Use Plan (CLUP) Due: June 1, 2009 FH-0901184 Completed: June 1, 2009	Closure Services & Infrastructure
GF0187	DOE letter of direction to affected Hanford Site contractors to submit their specific EMS Management Plan to FH 45 days before plan due date, or no later than August 17, 2009	17-Aug-2009			CD0683 FH Site Wide Environmental Management System (EMS) Management Plan Due: September 30, 2009	Environment, Safety, Health, & Quality
GF0195	DOE will provide facility and waste site performance metric data updates (PBS, metric list, planned completion year) 10 days before CD0684 due date.	21-Aug-2009			CD0684 Updated Site Structure and Waste Site List Due: August 31, 2009	Project Systems & Support
GF0149	Provide acceptance of hazard controls or direct additional actions within 90 days of receipt of the Contractor list(s)	8-Sep-2009			CD0599 List of closure facility hazards and established controls within 90 days of hazard identification Due: As Required FH-0600614 R3 Completed: June 8, 2009	Environment, Safety, Health, & Quality
GF0191	Field Office approval of the Contractor worker safety and health program Due: Within 90 days of submittal	8-Sep-2009			CD0598 The Contractor's 10 CFR 851 Worker Safety and Health Program Document Due: Annually (12 months after last approval) FH-0600614 R3 Completed: June 8, 2009	Environment, Safety, Health, & Quality

Contract Deliverables Look Ahead

Listed below are the near-term FH Contract Deliverable action/commitments required to support FH's accelerated cleanup. Only data for the next 30 days (including any open Contract Deliverables from prior periods) are shown. Items shaded in "green" indicate on-time or early completion. Items shaded in "pink" are overdue. NOTE: All contract deliverable data is through August 14, 2009, with a seven-day grace period.

Ref ID	Deliverable	Planned Date	Completed Date	FH Letter No.	Needed GFS/GFI RL Letter No. & Date Complete	Responsibility
CD0286	Lead and Copper Monitoring Report Due: Tri-Yearly	23-Jul-2009			None Identified	Closure Services & Infrastructure
CD0691	Annual Forecast of Services and Infrastructure Due: August 1, 2009	1-Aug-2009			None Identified	Project Systems & Support
CD0102	Annual Motor Fleet Report Due: Annually As Requested	14-Aug-2009			GF0145 DOE guidance must be provided to the Contractor 30 calendar days prior to the required completion date. Completed: August 23, 2009 0901640A	Closure Services & Infrastructure
CD0604	TPA milestone status reports and statistics (Jul 2009) Due: Monthly	17-Aug-2009			None Identified	Environment, Safety, Health, & Quality
CD0594	Breakdown (by contractor) of BPA power and transmission billing (Jun 2009) Due: Monthly	20-Aug-2009			None Identified	Closure Services & Infrastructure
CD0660	PBI-4.3d: Definitive design and bid package complete for roof replacement for 339A and 3220 Due: August 23, 2009	23-Aug-2009			None Identified	Closure Services & Infrastructure
CD0661	PBI-4.3e: Definitive design for the 200E Fueling Station renovation reviewed and approved Due: August 23, 2009	23-Aug-2009			None Identified	Closure Services & Infrastructure
CD0687	PBI-1.4c: Portions of Draft Site wide Respiratory Protection Program Due: August 23, 2009	23-Aug-2009			None Identified	Environment, Safety, Health, & Quality
CD0706	PBI-2.2d2: Communications and training provided for Instant Messaging and Live Meeting software Due: August 23, 2009	23-Aug-2009			None Identified	Business Services
CD0723	PBI-1.5b: B Reactor exhaust and supply fan areas made available for public access Due: August 23, 2009	23-Aug-2009			None Identified	Richland Operations Center
CD0724	PBI-1.5c: Draft Regulatory Strategy Document for B Reactor preservation Due: August 23, 2009	23-Aug-2009			None Identified	Richland Operations Center
CD0735	PBI-2.2f2: Design, acquisition, and installation of the 100 and 300 Area HLAN switches Due: August 23, 2009	23-Aug-2009			None Identified	Business Services
CD0736	PBI-1.5a2: Hanford site public and B Reactor Saturday tours conducted as scheduled through August 23rd Due: August 23, 2009	23-Aug-2009			None Identified	Richland Operations Center

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Contract Deliverables Look Ahead, continued

Ref ID	Deliverable	Planned Date	Completed Date	FH Letter No.	Needed GFS/GFI RL Letter No. & Date Complete	Responsibility
CD0737	PBI-3.1b Recovery Act courses scheduled versus completed report through August 23rd Due: August 23, 2009	23-Aug-2009			None Identified	HAMMER
CD0171	August Update to FY 200X Contractor Post Retirement Benefits Other Than Pension (PRB) for DOE Financial Statement Disclosures (FAS 106) Due: Annually	24-Aug-2009			None Identified	Business Services
CD0172	August Update to Fiscal Year 200X Contractor Pension Data for DOE Financial Statement Disclosures (FAS 87) Due: Annually	24-Aug-2009			None Identified	Business Services
CD0169	Contract Performance Report (Jul 2009) Due: Monthly	28-Aug-2009			None Identified	Project Systems & Support
CD0132	Performance Objectives, Measures, and Commitments Report (2009) Due: Annually	31-Aug-2009			GF089 Approve updates to the Annual Performance Objectives, Measures, and Commitments Report within 30 days of submittal (2009)	Environment, Safety, Health, & Quality
CD0139	Annual Environmental Release Report (2009) Due: Annually	31-Aug-2009			None Identified	Environment, Safety, Health, & Quality
CD0581	Hanford Site Pension Plans and Savings and Investment Plans - Investment Performance Review Report (2nd Qtr CY2009) Due: 60 days following the end of each quarter	31-Aug-2009			None Identified	Business Services
CD0684	Updated Site Structure and Waste Site List Due: Every 4 months	31-Aug-2009			GF0195 DOE will provide facility and waste site performance metric data updates (PBS, metric list, planned completion year) 10 days before CD0684 due date.	Project Systems & Support
CD0406	Multi Employer Pension Plan Actuarial Valuation Report Due: Annually	1-Sep-2009			None Identified	Business Services
CD0644	[Fernald Legacy] August Update to Fiscal Year 200X Contractor Pension Data for DOE Financial Statement Disclosures (FAS 87)(See H.26(b)(1)(i)) Due: Annually	2-Sep-2009			None Identified	Workforce Services
CD0646	[Fernald Legacy] August Update to FY 200X Contractor Post Retirement Benefits Other Than Pension (PRB) for DOE Financial Statement Disclosures (FAS 106) (See H.26(b)(2)(i)) Due: Annually	2-Sep-09			None Identified	Workforce Services
CD0173	Financial Information System (FIS) Standard Accounting and Reporting System (STARS) (Aug 2009) Due: Month-End Deadlines	9-Sep-2009			None Identified	Business Services
CD0271	Depreciation Charges (Aug 2009) Due: Monthly	9-Sep-2009			None Identified	Business Services
CD0281	Fluor Hanford, Inc., Cost Submittal FHXXXX (Aug 2009) Due: Monthly	9-Sep-2009			None Identified	Business Services
CD0300	200E, 200W Area Drinking Water Report (Aug 2009) Due: Monthly	10-Sep-2009			None Identified	Closure Services & Infrastructure